

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064288.D
 Acq On : 19 Nov 2019 14:27
 Operator : VA/SY
 Sample : K5916-01
 Misc : 6.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

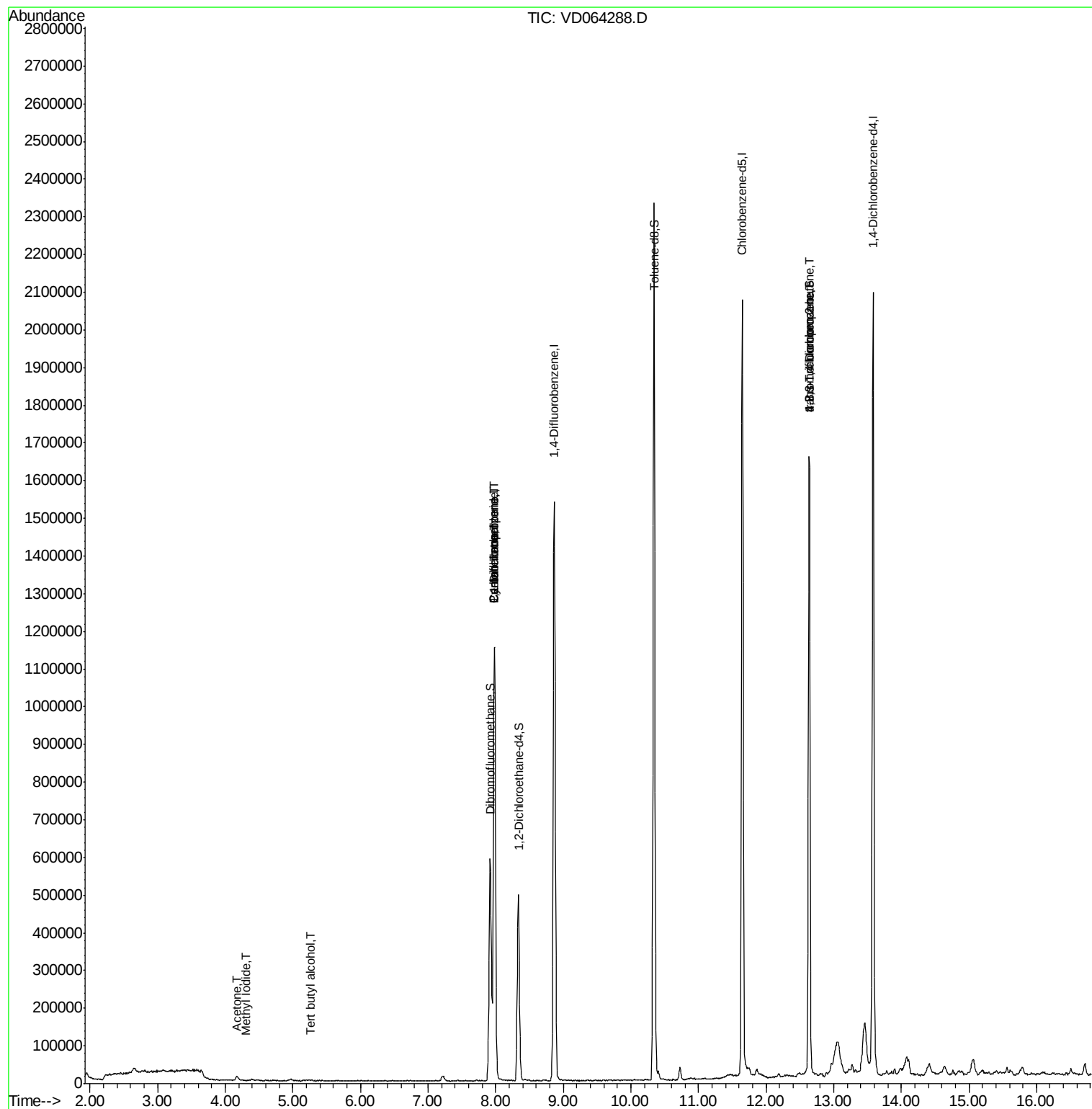
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	949573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1371935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1184110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	567323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	390476	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	7.92	113	409854	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
50) Toluene-d8	10.34	98	1597077	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.64	95	499662	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.31	142	599	2.091	ug/l #	41
11) Tert butyl alcohol	5.25	59	4479	8.211	ug/l #	77
16) Acetone	4.17	43	18059	9.761	ug/l	91
31) Cyclohexane	7.98	56	18623	1.215	ug/l #	14
36) 1,1-Dichloropropene	7.98	75	61509	4.858	ug/l #	48
38) Carbon Tetrachloride	7.98	117	84784	6.258	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	265732	58.152	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	265732	115.513	ug/l #	10

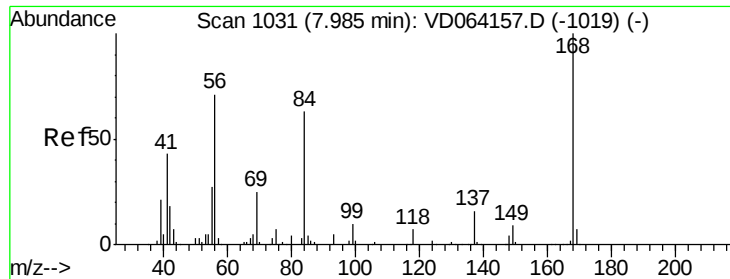
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
Data File : VD064288.D
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Misc : 6.81G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 20 03:26:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

Instrument :

MSVOA_D

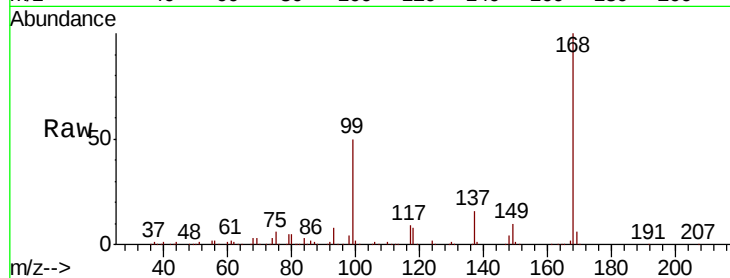
ClientSampled :

Tot Ion:168 Resp: 949573

Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

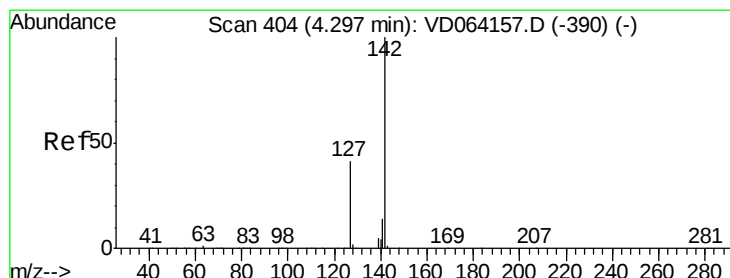
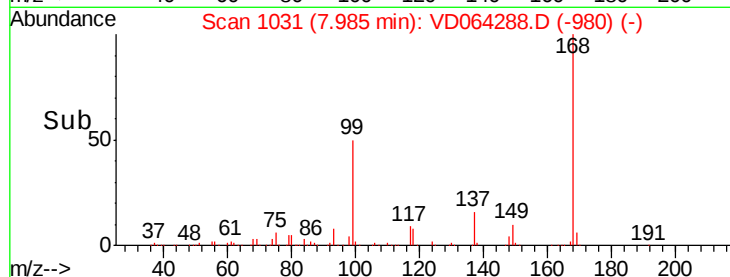
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.091 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

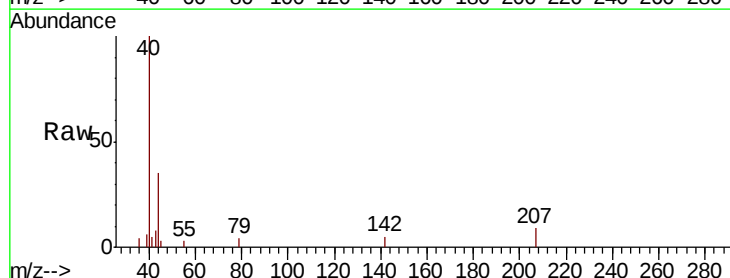
Tgt Ion:142 Resp: 599

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.31

400

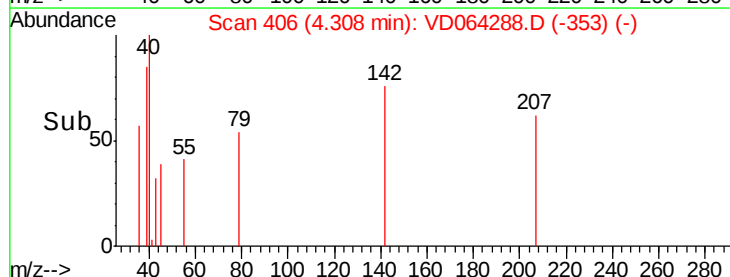
300

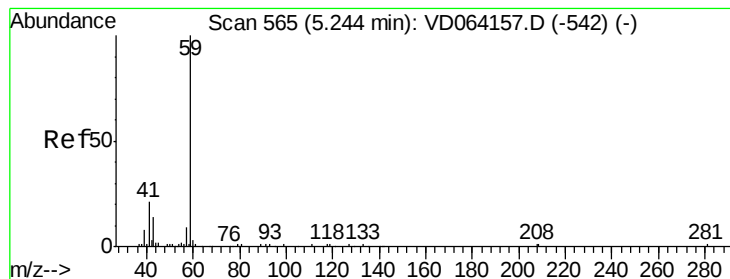
200

100

0

Time-->



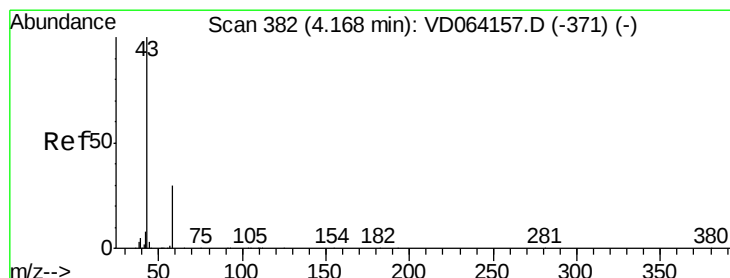
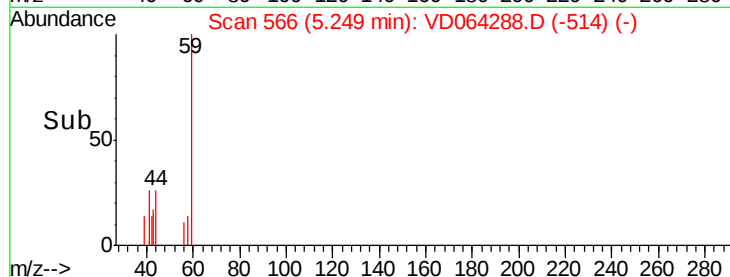
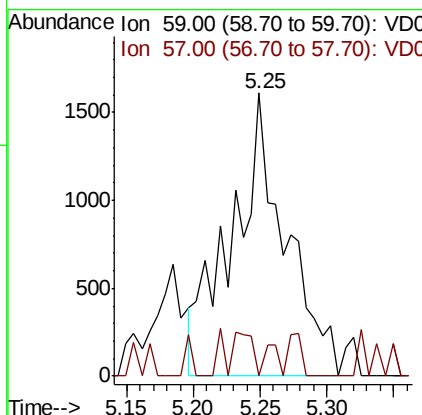
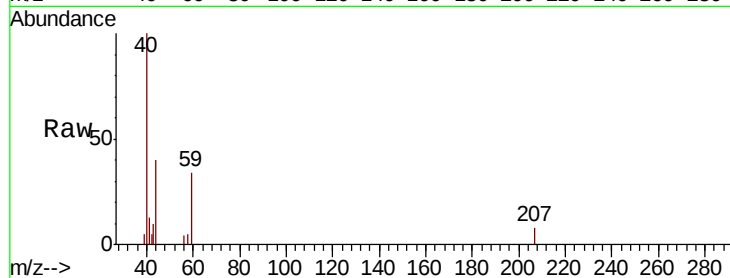


#11

Tert butyl alcohol
 Concen: 8.211 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VD064288.D
 Acq: 19 Nov 2019 14:27

Instrument :
 MSVOA_D
 ClientSampled :

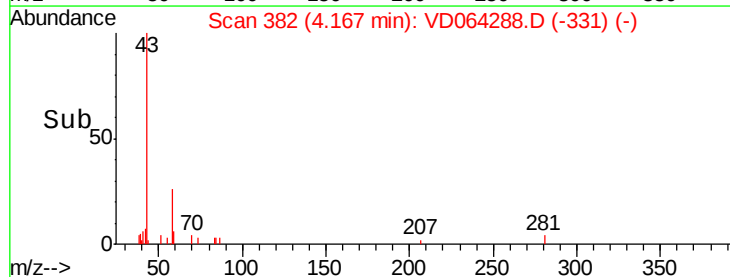
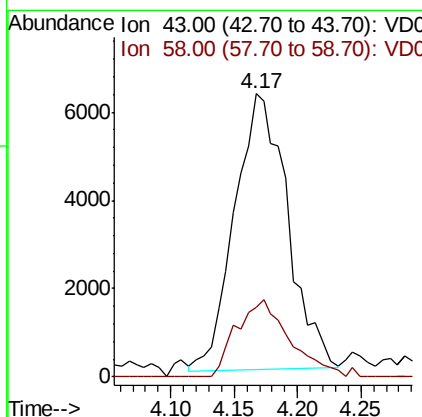
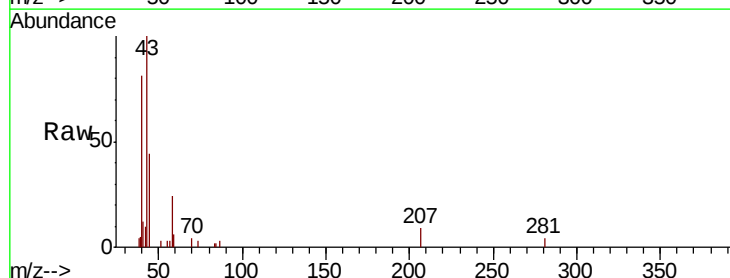
Tot Ion: 59 Resp: 4479
 Ion Ratio Lower Upper
 59 100
 57 2.8 9.4 14.2#

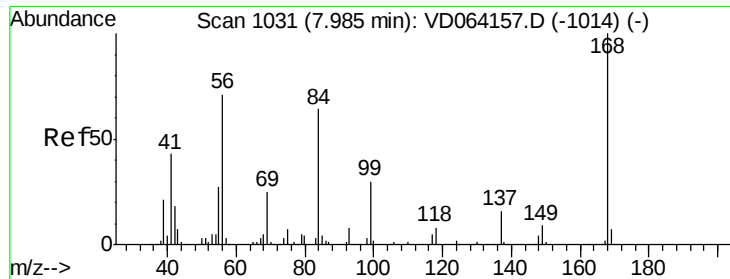


#16

Acetone
 Concen: 9.761 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VD064288.D
 Acq: 19 Nov 2019 14:27

Tgt Ion: 43 Resp: 18059
 Ion Ratio Lower Upper
 43 100
 58 25.4 24.1 36.1

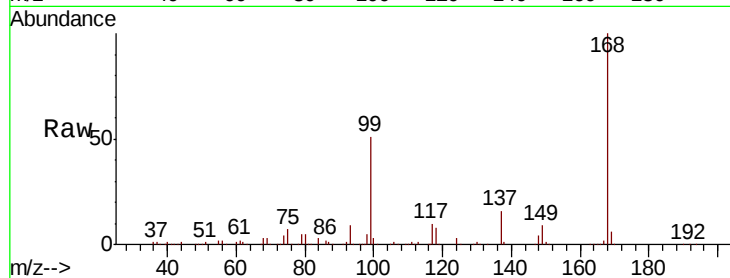




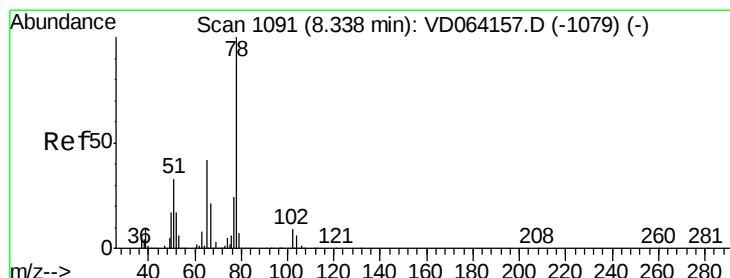
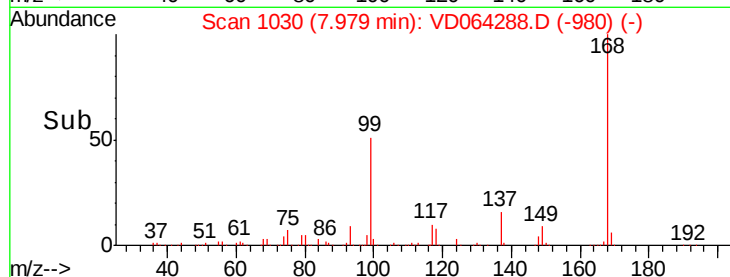
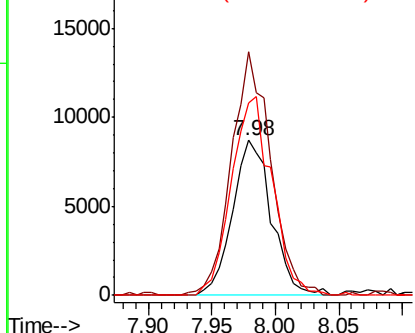
#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 18623
Ion Ratio Lower Upper
56 100
69 157.2 28.2 42.4#
84 124.4 71.8 107.6#

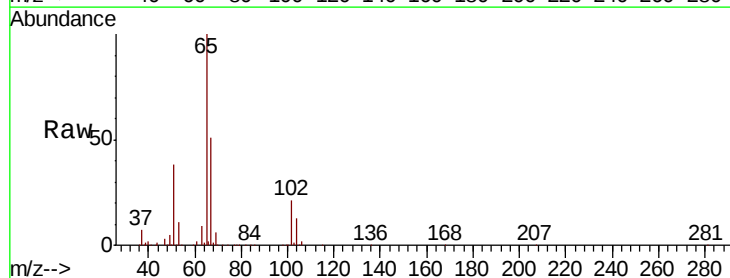


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

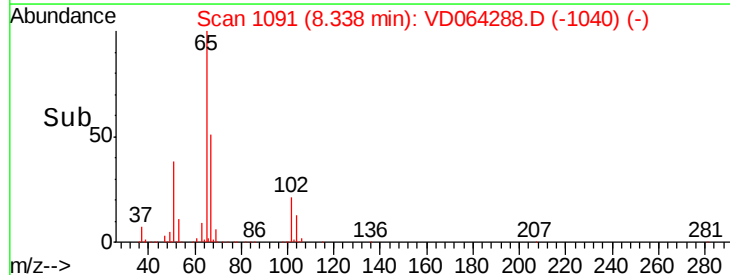
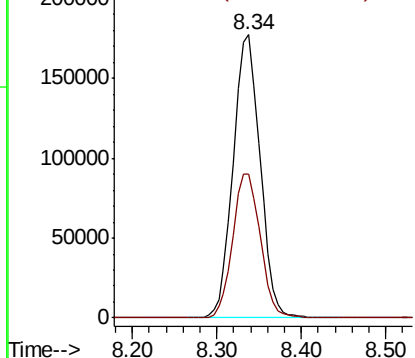


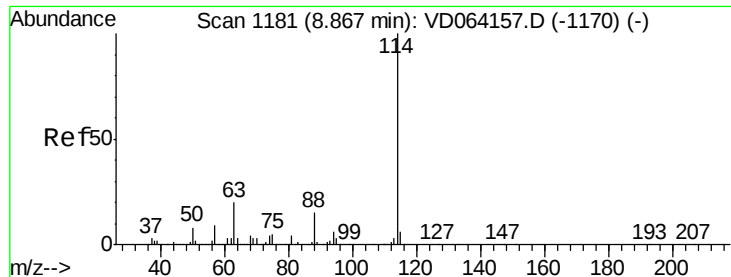
#33
1,2-Dichloroethane-d4
Concen: 49.999 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

Tgt Ion: 65 Resp: 390476
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

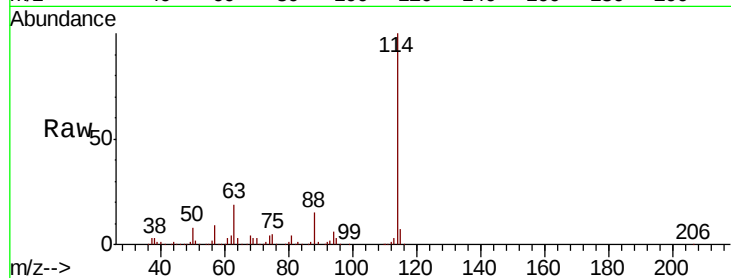
Tot Ion:114 Resp: 1371935

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

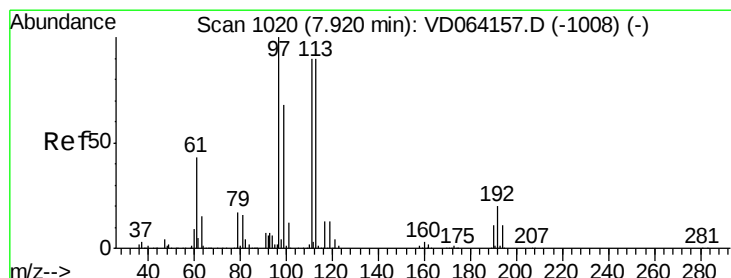
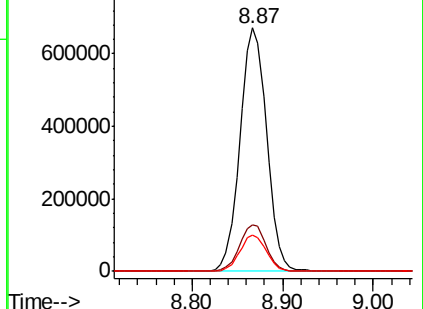
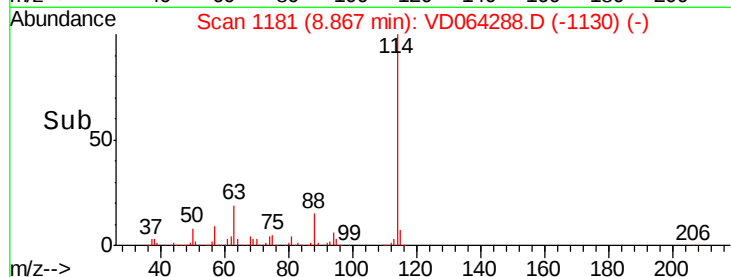
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.044 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

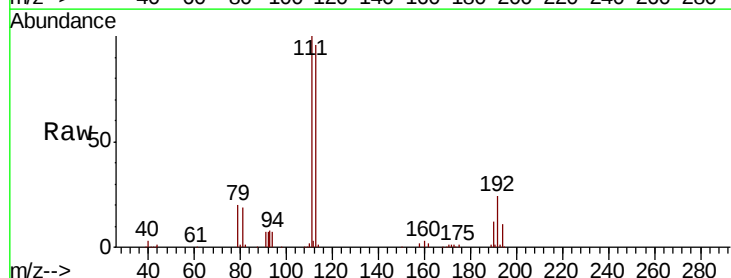
Tgt Ion:113 Resp: 409854

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

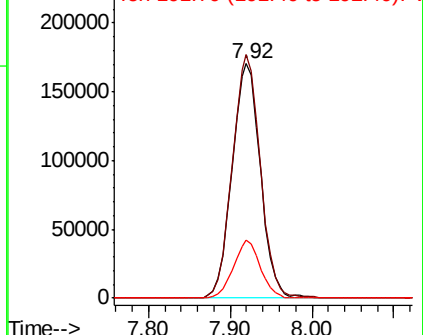
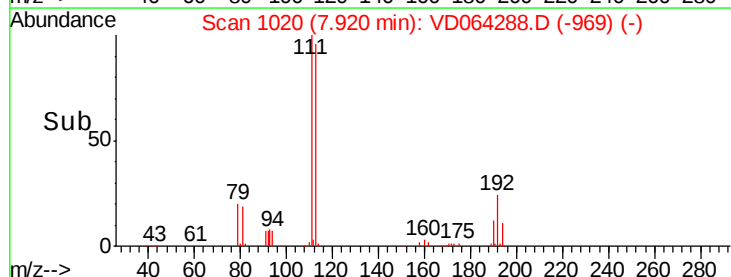
192 23.3 18.8 28.2

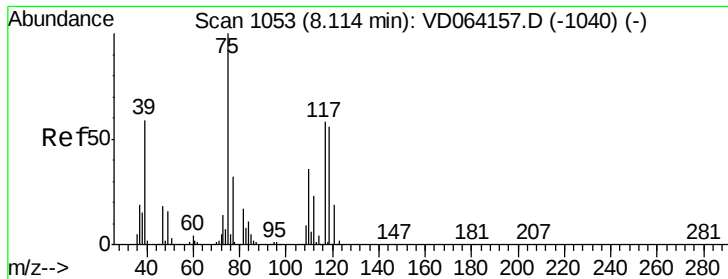


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

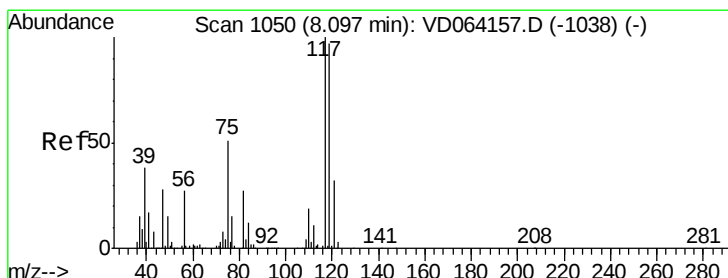
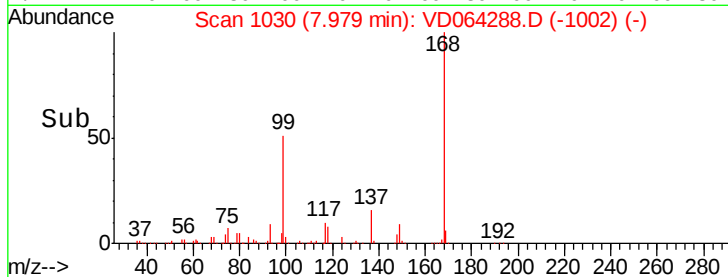
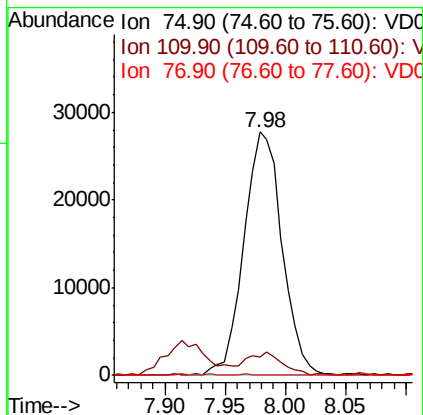
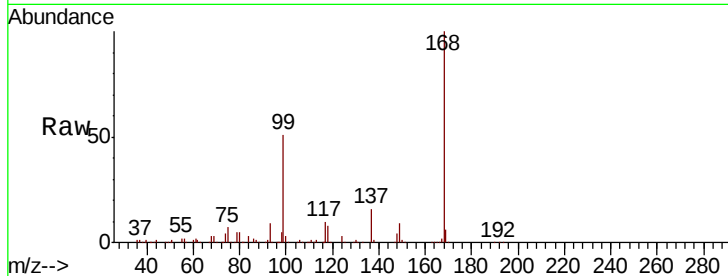




#36
 1,1-Dichloropropene
 Concen: 4.858 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064288.D
 Acq: 19 Nov 2019 14:27

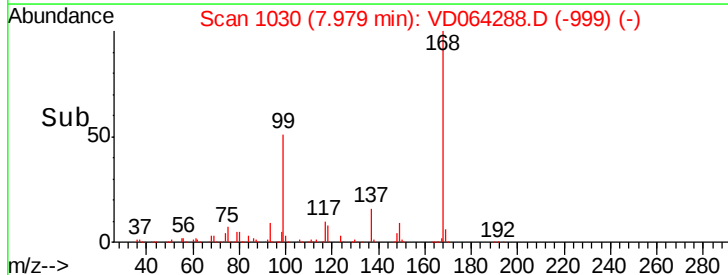
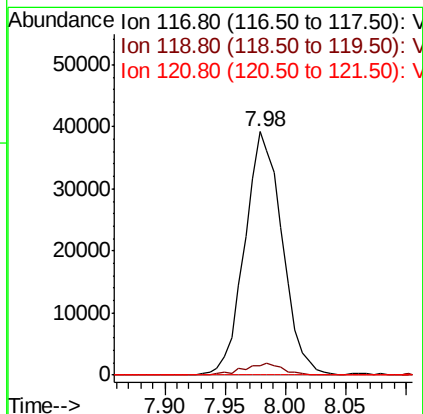
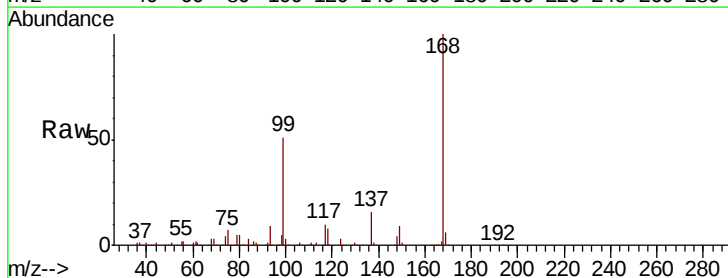
Instrument :
 MSVOA_D
 ClientSampleId :

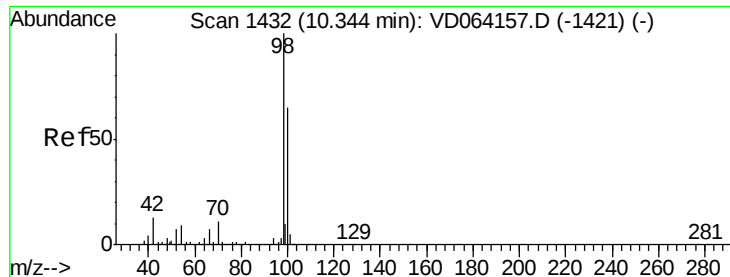
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.3	54.9#
77	0.1	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.258 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064288.D
 Acq: 19 Nov 2019 14:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.2	115.8#
121	0.0	25.5	38.3#

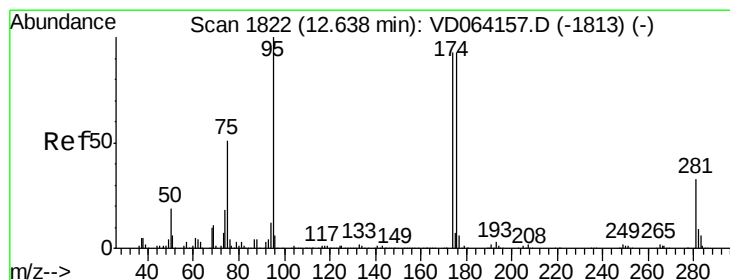
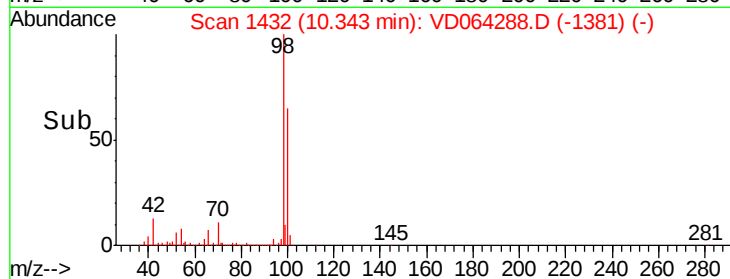
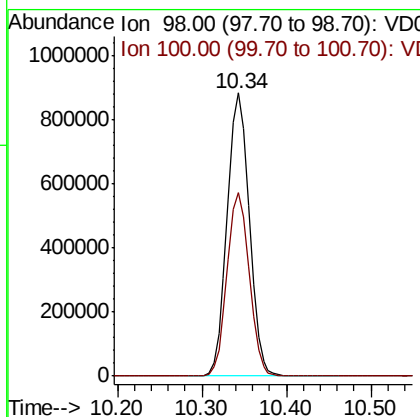
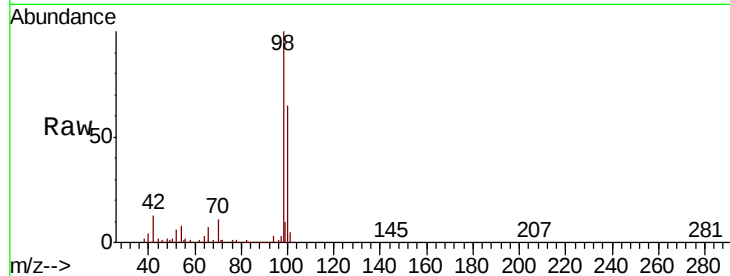




#50
Toluene-d8
Concen: 53.759 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

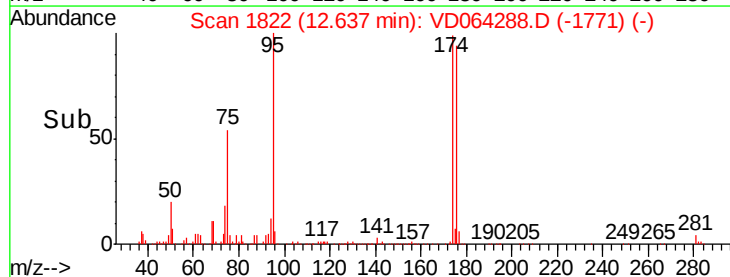
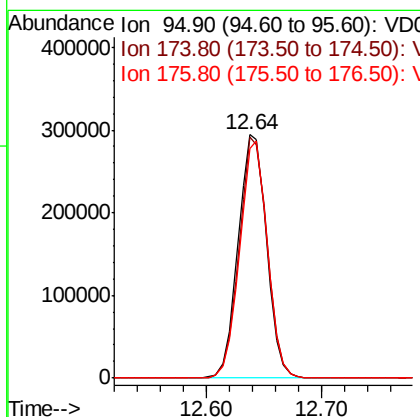
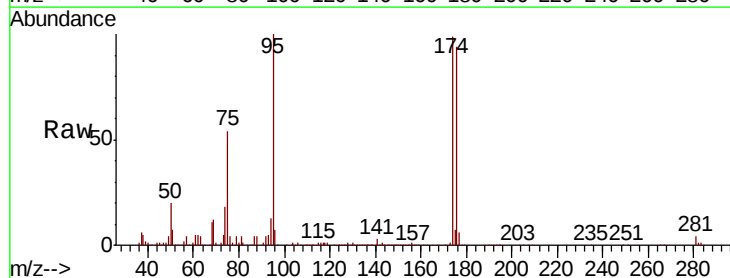
Instrument :
MSVOA_D
ClientSampleId :

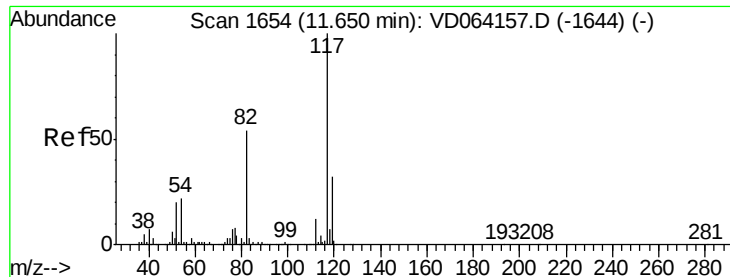
Tot Ion: 98 Resp: 1597077
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.566 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

Tgt Ion: 95 Resp: 499662
Ion Ratio Lower Upper
95 100
174 97.9 0.0 183.6
176 94.7 0.0 180.2

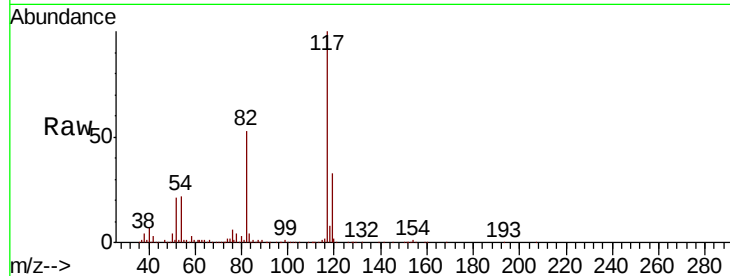




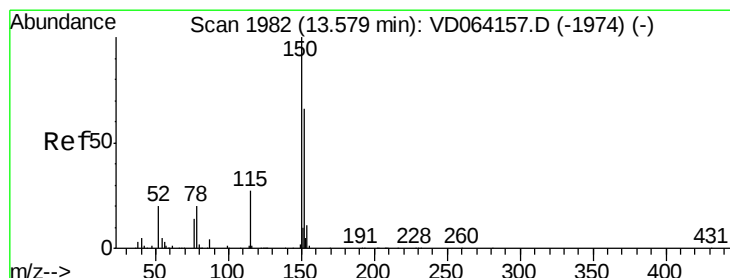
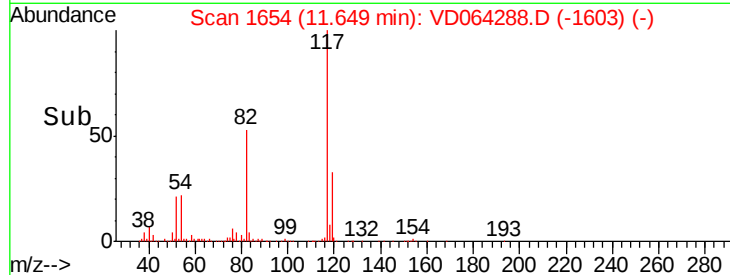
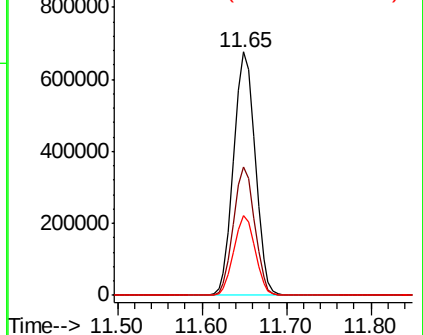
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1184110
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.5 25.6 38.4

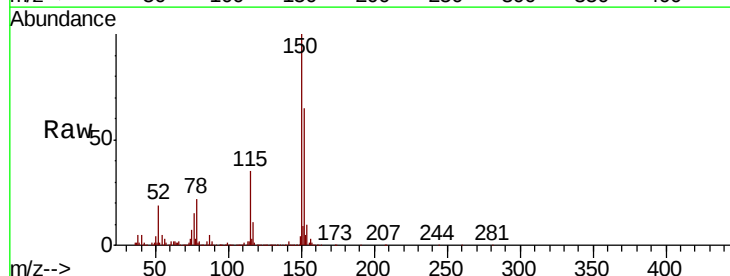


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

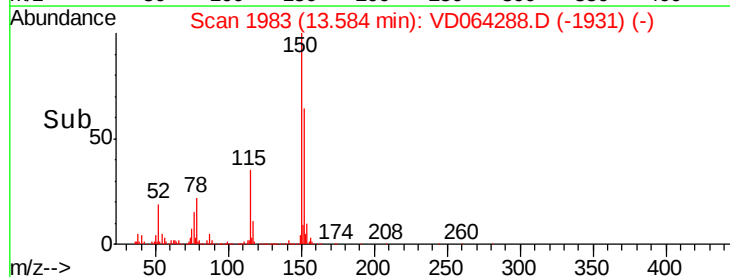
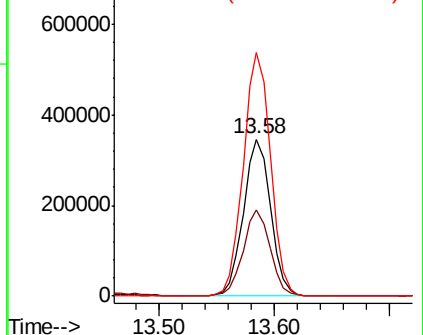


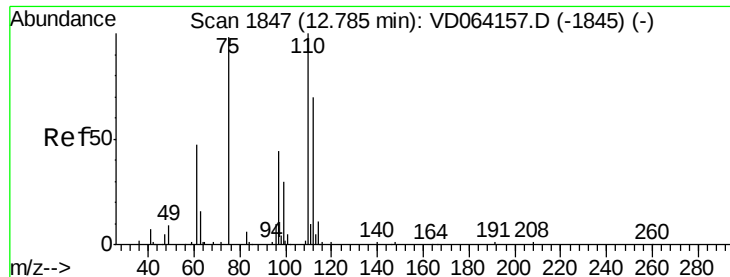
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064288.D
Acq: 19 Nov 2019 14:27

Tgt Ion:152 Resp: 567323
Ion Ratio Lower Upper
152 100
115 54.9 27.4 82.2
150 155.0 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 58.152 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

Instrument :

MSVOA_D

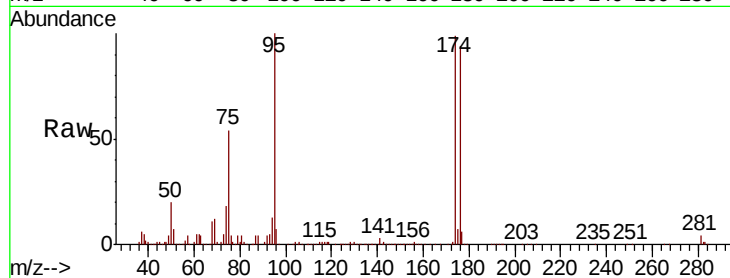
ClientSampleId :

Tot Ion: 75 Resp: 265732

Ion Ratio Lower Upper

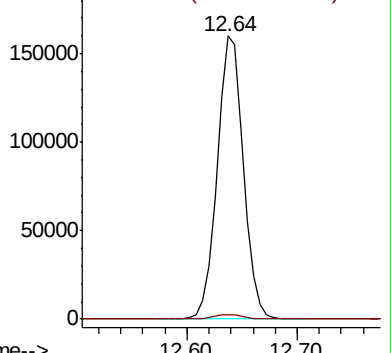
75 100

77 1.5 0.0 0.0#

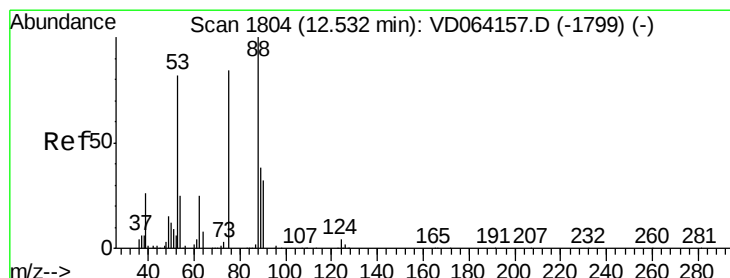
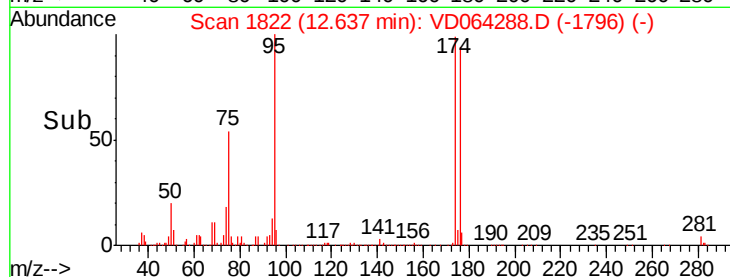


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 115.513 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064288.D

Acq: 19 Nov 2019 14:27

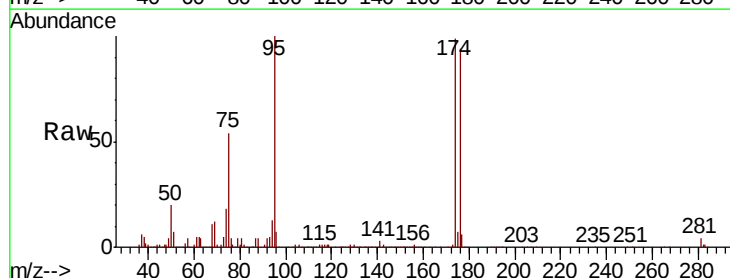
Tgt Ion: 75 Resp: 265732

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.0#

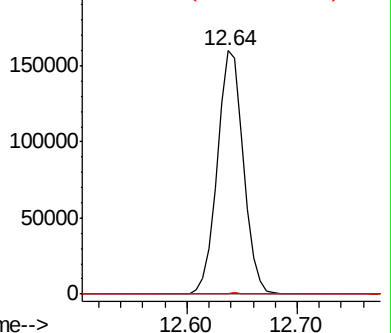
89 0.2 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



Time-->

